

- 1 -

piece 1, NC\_000913, yncB\_yncC-, config: linear, direction: -, begin: 1518315, end: 1518069

5' \* \*1518310 \* \*1518300 \* \*1518290 \* \*1518280 \* \*1518270 \* \*1518260 \* \*1518250 \* \*1518240 \*  
g a c a t g t t c a t t t c c c g t t c d a g c a t t t a a t t c c t c g c g t t t t c t g t c c a a c c t g c a t g c a g a a g g a 3'  
- asp - met - phe - his - phe - ser - arg - ser - arg - his - phe - asn - ser - phe - ala - cys - phe - leu - ser - asn - pro - ala - cys - met - ala - glu - gly -  
- thr - cys - phe - ile - phe - pro - val - pro - gly - ile - leu - ile - pro - ser - arg - val - phe - cys - pro - thr - leu - pro - ala - trp - gln - lys - glu -  
- his - val - ser - phe - pro - phe - gln - ala - phe - fMet - phe - ser - val - gln - pro - cys - leu - his - gly - arg - arg - asn -

... -----] NC\_000913.yncC



{-----} p35-(21)-p10 1518287 Gap 3.3 bits  
p35-p10 1518287 total 4.3 bits

{-----} p10 4.5 bits

{-----} p35-(24)-p10 1518284 Gap 2.4 bits  
p35-p10 1518284 total 7.4 bits

5' \*1518230 \* \*1518220 \* \*1518210 \* \*1518200 \* \*1518190 \* \*1518180 \* \*1518170 \* \*1518160 \*  
- ile - his - leu - val - tyr - phe - thr - trp - cys - ile - lys - val - asn - ssn - his - lys - pro - leu - thr - phe - val - val - ile - ser - ser - arg - Thr - met - met - trp - leu - val -  
- ser - pro - gly - val - leu - lvs - fMet - leu - leu - leu - ala - ala - glu - gln -

... -----] ir yncB\_yncC-  
... sd(10)-ir 1518215 Gap 2.7 bits  
... p35-(26)-p10 1518218 Gap 3.7 bits

... -----] p35-p10 1518218 total 4.5 bits

p35 3.8 bits

p10 2.7 bits

{-----} p35-(22)-p10 1518167 Gap 2.3 bits  
p35-p10 1518167 total 4.1 bits

{-----} p35 2.6 bits

|-----| sd-ir 1518215 yncB\_yncC- total 9.7 bits



5' \*1518150 \* \*1518140 \* \*1518130 \* \*1518120 \* \*1518110 \* \*1518100 \* \*1518090 \* \*1518080 \*  
- fMet - pro - gly - phe - leu - trp - arg - leu - thr - pro - pro - leu - lys - leu - fMet - ala - ala - tyr - ala - ala - val - glu - thr - leu - ile - ile - thr - arg - his -

[###> orf 23 codons

{-----} p10 4.6 bits

<----- ... NC\_000913.yncB

... -----] p35-(24)-p10 1518136 Gap 2.4 bits  
... p35-p10 1518136 total 4.7 bits

\*1518070

5' a c g c 3'

... ----- ... NC\_000913.yncB